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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/090,893	03/05/2002	Brian A. Cameron	5681-10500	6497

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EXAMINER

JACOBS, LASHONDA T

ART UNIT PAPER NUMBER

2157

DATE MAILED: 10/23/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/090,893	Applicant(s) CAMERON ET AL.	
	Examiner LaShonda T. Jacobs	Art Unit 2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on July 31, 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11,21-26,28-35,37 and 38 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-11,21-26,28-35,37 and 38 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

This is a Final Office Action in response to Applicants' Amendment/Request for Reconsideration filed on July 31, 2006. Claims 1, 21 and 30 have been amended. Claims 1-11, 21-26, 28-35, 37 and 38 are presented for further examination.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-11, 21-26, 28-35, 37 and 38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mendez et al (hereinafter, "Mendez", U.S. Pat. No. 5,961,590) in view of Plain et al (hereinafter, "Plain", U.S. Pub. No. 2002/0141442).

As per claim 1, Mendez teaches a system comprising:

- a server comprising a document in a format supported by the server, wherein the document is available to one or more devices via a network (col. 4, lines 57-67 and col. 5. lines 26-47);
- a small device configured to couple to the server (col. 4, lines 57-67 and col. 5. lines 26-47);
- wherein the server is configured to generate a small device document in a format supported by the small device from the document in the format supported by the server (col. 4, lines 57-67 and col. 5. lines 26-47);

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- wherein the small device is further configured to modify the small device document (col. 4, lines 21-45); and
- wherein the server is further configured to synchronize the document in the format supported by the server with a modified version of the small device document on the small device (col. 4, lines 46-57 and col. 8, lines 12-26).

However, Mendez does not explicitly disclose:

- wherein the format supported by the small device excludes one or more formats for content of the document in the format supported by the server.

Plain discloses a method and apparatus for providing network access for PDA devices comprising:

- wherein the format supported by the small device excludes one or more formats for content of the document in the format supported by the server (paragraphs 0023-0024, 0026 and 0038).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Mendez by converting and formatting the data received by the server into a suitable format supported by the PDA device in order to exchange data between devices using appropriate PDA format and protocol in a timely and efficient manner.

As per claim 2, Mendez teaches:

- wherein the document in the format supported by the server is an office productivity document (col. 6, lines 47-64 and col. 8, lines 1-10).

As per claim 3, Mendez teaches:

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- wherein, to generate a small device document in a format supported by the small device from the document in the format supported by the server the server is further configured to exclude one or more formats for content of the document in the format supported by the server from the small device document (col. 17, lines 14-34).

As per claim 4, Mendez teaches:

- wherein, to synchronize the document in the format supported by the server with a modified version of the small device document on the small device, the server is further configured to restore one or more formats for content of the document in the format supported by the server excluded from the small device document (col. 17, lines 14-34).

As per claim 5, Mendez teaches wherein, to synchronize the document in the format supported by the server with a modified version of the small device document on the small device, the server is further configured to:

- determine one or more formats for content of the modified version of the small device document to be merged with the document in the format supported by the server (col. 2, lines 49-67); and
- merge the content of the modified version of the small device document into the document in the format supported by the server in accordance with the determined one or more formats for the content (col. 2, lines 49-67).

As per claim 6, Mendez teaches wherein, to synchronize the document in the format supported by the server with a modified version of the small device document on the small device, the server is further configured to:

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- compare modified content of the modified version of the small device document to corresponding content of the document in the format supported by the server to determine one or more formats for the modified content of the modified version of the small device document to be merged with the document in the format supported by the server (col. 6, lines 35-42 and col. 10, lines 3-17); and
- merge the modified content of the modified version of the small device document into the document in the format supported by the server in accordance with the determined one or more formats for the modified content (col. 2, lines 49-67).

As per claim 7, Mendez teaches:

- wherein, to synchronize the document in the format supported by the server with a modified version of the small device document on the small device, the server is further configured to generate a synchronized version of the document in the format supported by the server from the document in the format supported by the server and the modified version of the document (col. 5, lines 14-43).

As per claim 8, Mendez teaches wherein, to synchronize the document in the format supported by the server with the modified version of the small device document, the server is further configured to:

- determine one or more differences between the modified version of the small device document and the document in the format supported by the server (col. 8, lines 27-48);
and

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- merge the determine one or more differences with content of the document in the format supported by the server to generate a synchronized version of the document in the format supported by the server (col. 2, lines 49-67).

As per claim 9, Mendez teaches wherein, to determine one or more differences been the modified version of the small device document and the document in the format supported by the server, the server is further configured to:

- generate a modified document in the format supported by the server from the modified version of the small device document (col. 6, lines 35-42); and
- compare the modified document in the format supported by the server to the document in the format supported by the server (col. 10, lines 3-17).

As per claim 10, Mendez teaches, wherein, to synchronize the document in the format supported by the server with the modified version of the small device document, the server is further configured to:

- generate a modified document in an interim format from the modified version of the small device document (col. 11, lines 19-29, col. 20, lines 60-67 and col. 22, lines 1-6);
- generate a document in the interim format from the document in the format supported by the server (col. 5, lines 45-64 and col. 6, lines 19-33);
- determine one or more differences between the modified document in the interim format and the document in the interim format (col. 8, lines 35-47); and
- merge the determined one or more differences with content of the document in the interim format to generate a synchronized version of the document in the interim format (col. 2, lines 49-67).

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As per claim 11, Mendez further teaches:

- wherein the server is configured to generate a synchronized version of the document in the format supported by the server from the synchronized version of the document in the interim format (col. 6, lines 19-33).

As per claims 21 and 30, Mendez teaches a method and an article of manufacture comprising:

- generating a small device document in a format supported by a small device from a non-record-oriented productivity document in a format supported by an office productivity server (col. 4, lines 57-67, col. 5, lines 26-47, col. 6, lines 47-64 and col. 8, lines 1-10);
- modifying the small device document to generate a modified version of the small device document (col. 17, lines 14-34);
- determining one or more differences between the modified version of the small device document and the office productivity document (col. 8, lines 35-47); and
- merging the one or more differences with content of the office productivity document to generate a synchronized version of the office productivity document (col. 2, lines 49-67).

However, Mendez does not explicitly disclose:

- wherein the format supported by the small device excludes one or more formats for content of the non-record-oriented office productivity document in the format supported by the office productivity server.

Plain discloses a method and apparatus for providing network access for PDA devices comprising:

- wherein the format supported by the small device excludes one or more formats for content of the non-record-oriented office productivity document in the format supported by the office productivity server (paragraphs 0023-0024, 0026 and 0038).

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify Mendez by converting and formatting the data received by the server into a suitable format supported by the PDA device in order to exchange data between devices using appropriate PDA format and protocol in a timely and efficient manner.

As per claims **22** and **31**, Mendez teaches wherein said determining one or more difference between the modified version of the small device document and the office productivity document comprises:

- generating a modified office productivity document in the format supported by the server from the modified version of the small device document (col. 6, lines 35-42); and
- comparing the modified office productivity document to the original non-record-oriented office productivity document to determine the one or more differences (col. 10, lines 3-17).

As per claims **23** and **32**, Mendez teaches:

- wherein said generating a small device document in a format supported by the small device from the office productivity document comprises excluding one or more formats for content of the office productivity document from the small device document (column 10 lines 39-47).

As per claims **24** and **33**, Mendez teaches:

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- wherein said merging the one or more differences with content of the office productivity document to generate a synchronized version of the office productivity document comprises restoring one or more formats for content of the office productivity document excluded from the small device document (col. 17, lines 14-34).

As per claims **25** and **34**, Mendez teaches wherein said merging the one or more differences with content of the office productivity document to generate a synchronized version of the office productivity document comprises:

- determining one or more formats for content of the modified version of the small device document to be merged with the office productivity document (col. 6, lines 19-33); and
- merging the content of the modified version of the small device document into the office productivity document in accordance with the determined one or more formats for the content (col. 2, lines 49-67).

As per claims **26** and **35**, Mendez teaches wherein said merging the one or more differences with content of the office productivity document to generate a synchronized version of the office productivity document comprises:

- comparing modified content of the modified version of the small device document to corresponding content of the office productivity document to determine one or more formats for the modified content of the modified version of the small device document to be merged with the office productivity document (col. 10, lines 3-1); and
- merging the modified content of the modified version of the small device document into the office productivity document in accordance with the determined one or more formats for the modified content (col. 2, lines 49-67).

As per claims **28** and **37**, Mendez teaches:

- wherein said modifying the small device document is performed within the small device (col. 17, lines 14-34).

As per claims **29** and **38**, Mendez further teaches:

- generating a modified document in an interim format from the modified version of the small device document (col. 11, lines 19-29, col. 20, lines 60-67 and col. 22, lines 1-6);
- generating a document in the interim format from the office productivity document (col. 5, lines 45-64 and col. 6, lines 19-33);
- wherein said determining one or more formats for content of the modified version of the small device document to be merged with the office productivity document comprises determining one or more differences between the modified document in the interim format and the document in the interim format (col. 6, lines 19-33); and
- wherein said merging the content of the modified version of the small device document into the office productivity document in accordance with the determined one or more formats for the content comprises merging the determined one or more differences with content of the document in the interim format to generate a synchronized version of the document in the interim format (col. 6, lines 19-33).

Response to Arguments

3. Applicant's arguments with respect to claims **1-11, 21-26, 28-35, 37** and **38** have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LaShonda T. Jacobs whose telephone number is 571-272-4004. The examiner can normally be reached on 8:30 A.M.-5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LaShonda T Jacobs
Examiner
Art Unit 2157

ltj
October 16, 2006


ABDULHADI SALAD
PRIMARY EXAMINER